



CLARK COUNTY DEPARTMENT OF BUILDING

Field Inspection Guideline



SUBJECT: NV Energy Requirement

FIG-E-021

Effective Date: May 1, 2007

Revised: May 20, 2014

Approved By: BAT

Code Chapter: Nevada Power Distribution Standards

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Interpretation:

Electrical services shall meet the serving utility's standards in addition to NEC requirements.

Field Application:

The following standards as provided by Nevada Power Company are to be included as part of our inspection process:

- Working space at meter enclosures shall extend 36 inches from the front of the meter enclosure, with a clear height of not less than 78 inches. The width of clear space shall be not less than 36 inches with a minimum 10 inches from the side of the meter enclosure to the nearest obstruction.
- There shall be a minimum clearance of 36 inches horizontally from the side of the electric meter panel to the nearest edge of a gas meter.
- The meter serving a new single-family dwelling shall be mounted on the front of the building facing the serving line, or on an adjacent side within 10 feet of the front of the building.
- The meter height for single meter services shall be not less than 48 inches to center and not more than 75 inches to center from the standing surface.
- Underground service conduit above slab level shall be rigid galvanized steel (RGS), intermediate metal conduit (IMC), or PVC Schedule 80. The minimum conduit size shall be as follows:

Single-Family Residence - 100-225Amp Service: 2 ½"
300-400Amp Service: 3"

Multi-family Building - All Services: 3"

Commercial Building - All Services: 4"

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- Overhead service conduit shall be (RGS) or (IMC) of a minimum size 2 inch and a maximum 30 inch service mast without bracing. If properly braced, the maximum service mast height may be increased to 60 inches. Service conductors must extend a minimum of 18 inches from the weather head.

Revision History:

Reference #	Title	Effective Date	Revised	Reviewed
FIG-B-021	Electric Service Requirements	May 1, 2007		May 23, 2013
FIG-B-021	NV Energy Requirements		May 20, 2014	